

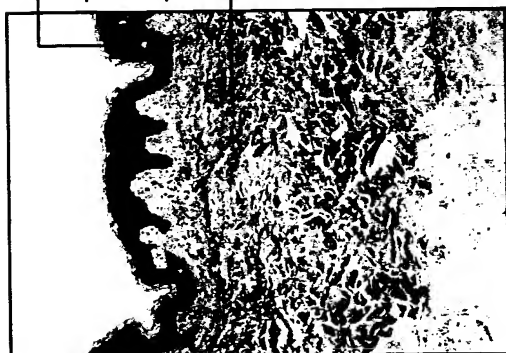
FIG.1

— EPIDERMAL KERATINOCYTE 11

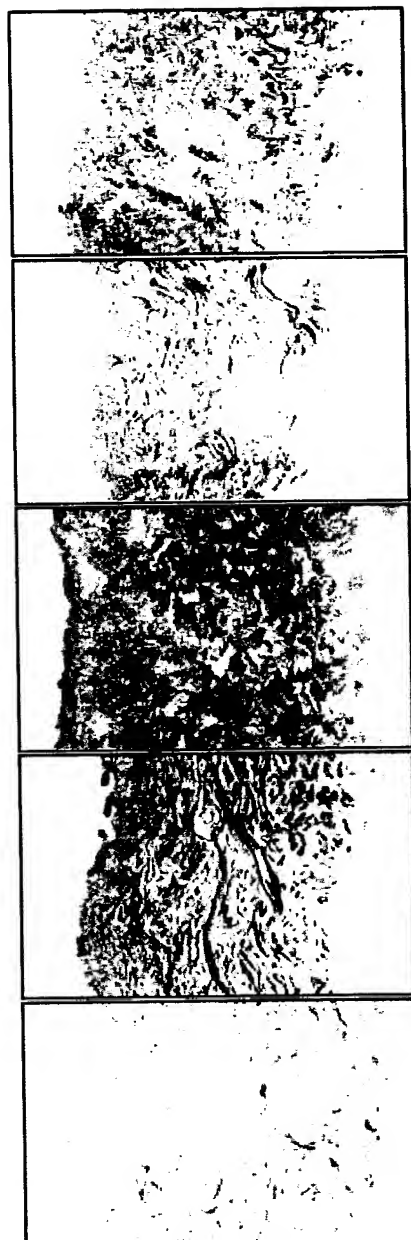
— EPIDERMIS 12

— DERMAL FIBROBLAST 13

— DERMIS 14

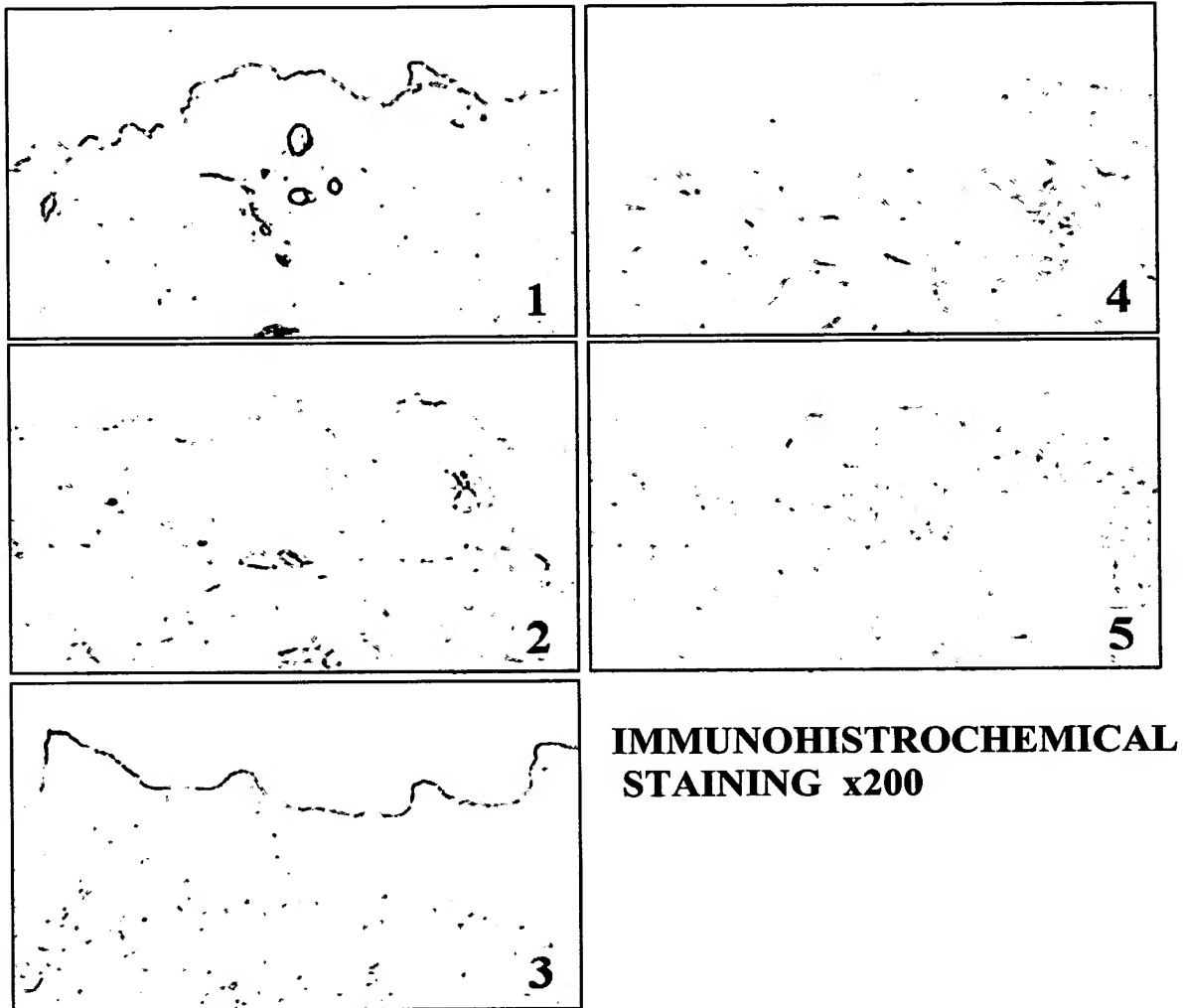


**ALLOGENEIC
HUMAN SKIN**



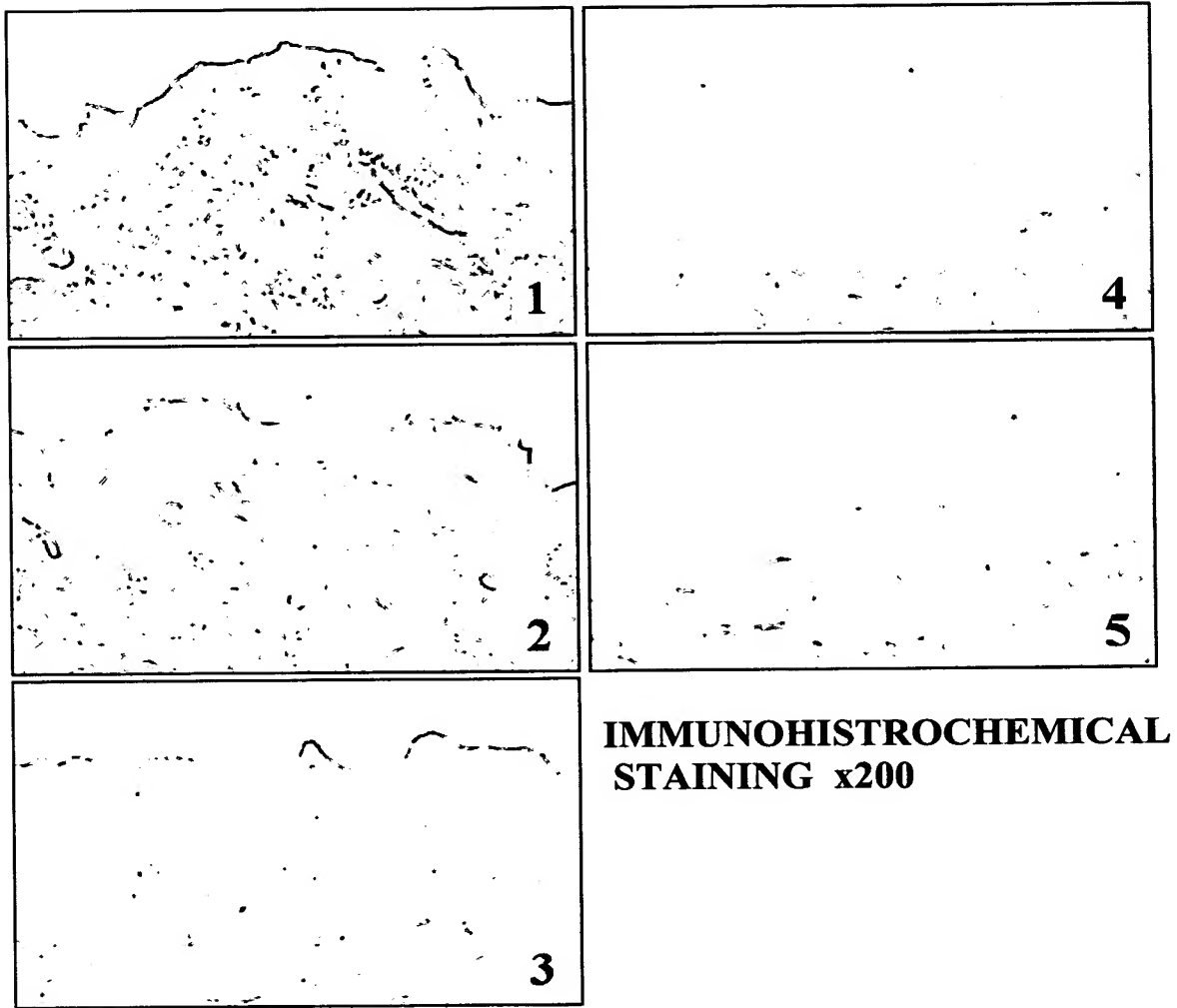
- | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| ① | ② | ③ | ④ | ⑤ |
| FREEZE- THAWING | FREEZE- THAWING | FREEZE- THAWING | FREEZE- THAWING | FREEZE- THAWING |
| +1M NaCl | +1M NaCl | +1M NaCl | +DISPASE | +TRYPSIN |
| +PBS | +Triton | +SDS | | +Triton |
| | X-100 | | | X-100 |

FIG.2



- 1, FREEZE-THAWING + 1 M NaCl + PBS**
- 2, FREEZE-THAWING + 1 M NaCl + Triton X-100**
- 3, FREEZE-THAWING + 1 M NaCl + SDS**
- 4, FREEZE-THAWING + Dispase**
- 5, FREEZE-THAWING + Trypsin + Triton X-100**

FIG.3



- 1, FREEZE-THAWING + 1 M NaCl + PBS**
- 2, FREEZE-THAWING + 1 M NaCl + Triton X-100**
- 3, FREEZE-THAWING + 1 M NaCl + SDS**
- 4, FREEZE-THAWING + Dispase**
- 5, FREEZE-THAWING + Trypsin + Triton X-100**

FIG.4

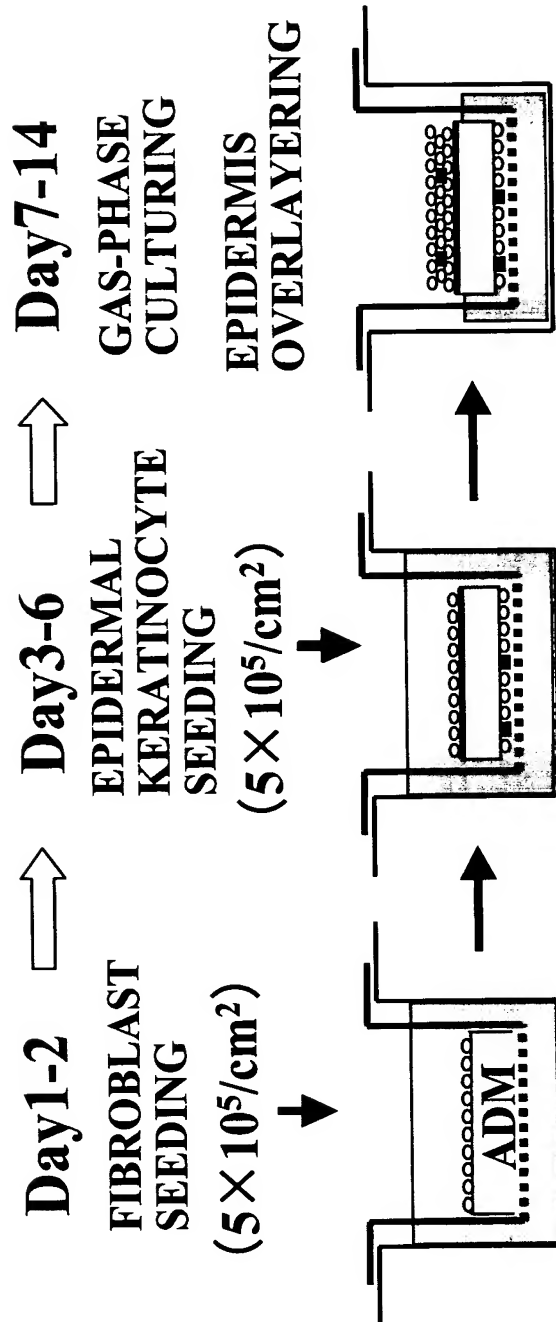
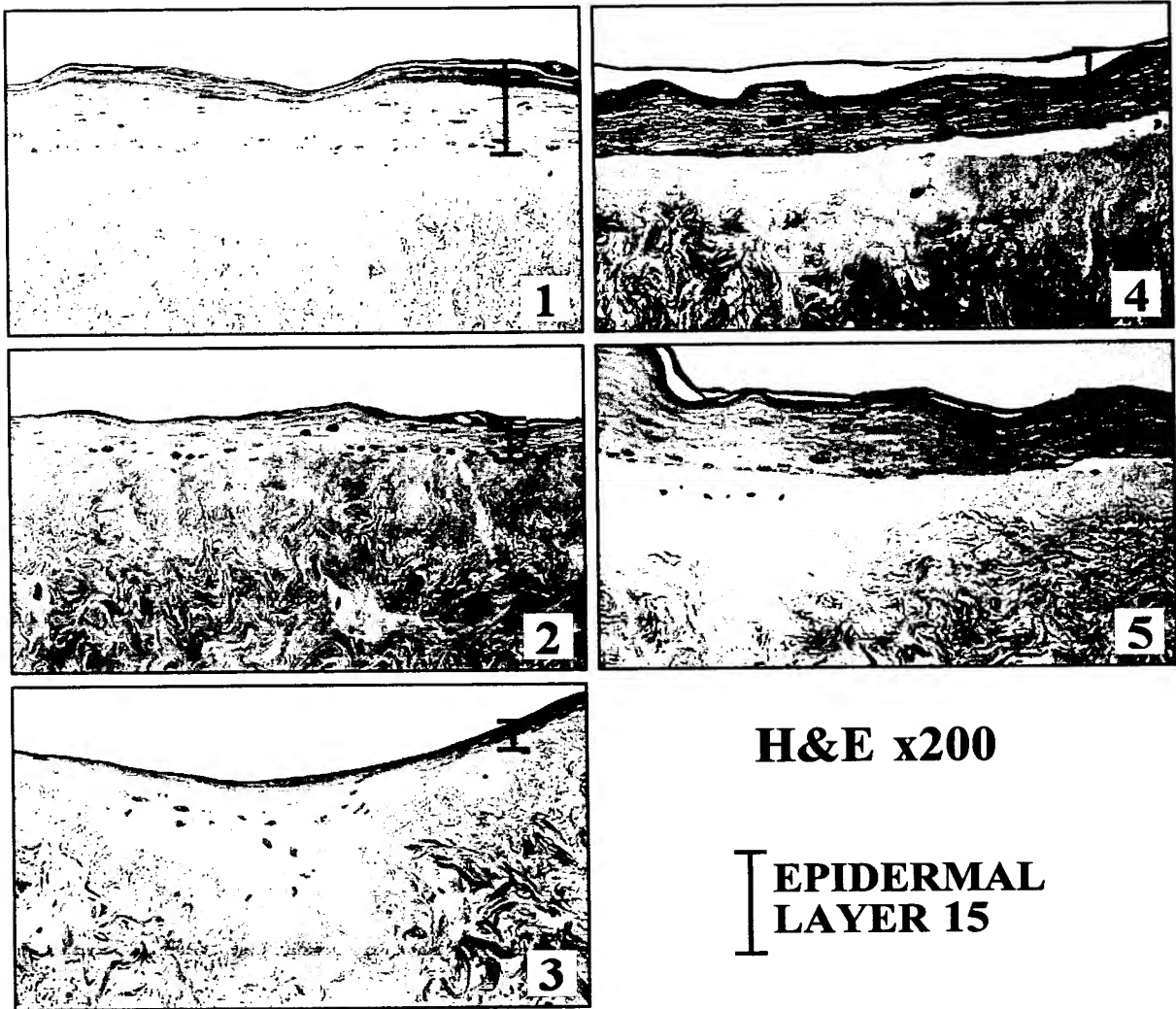
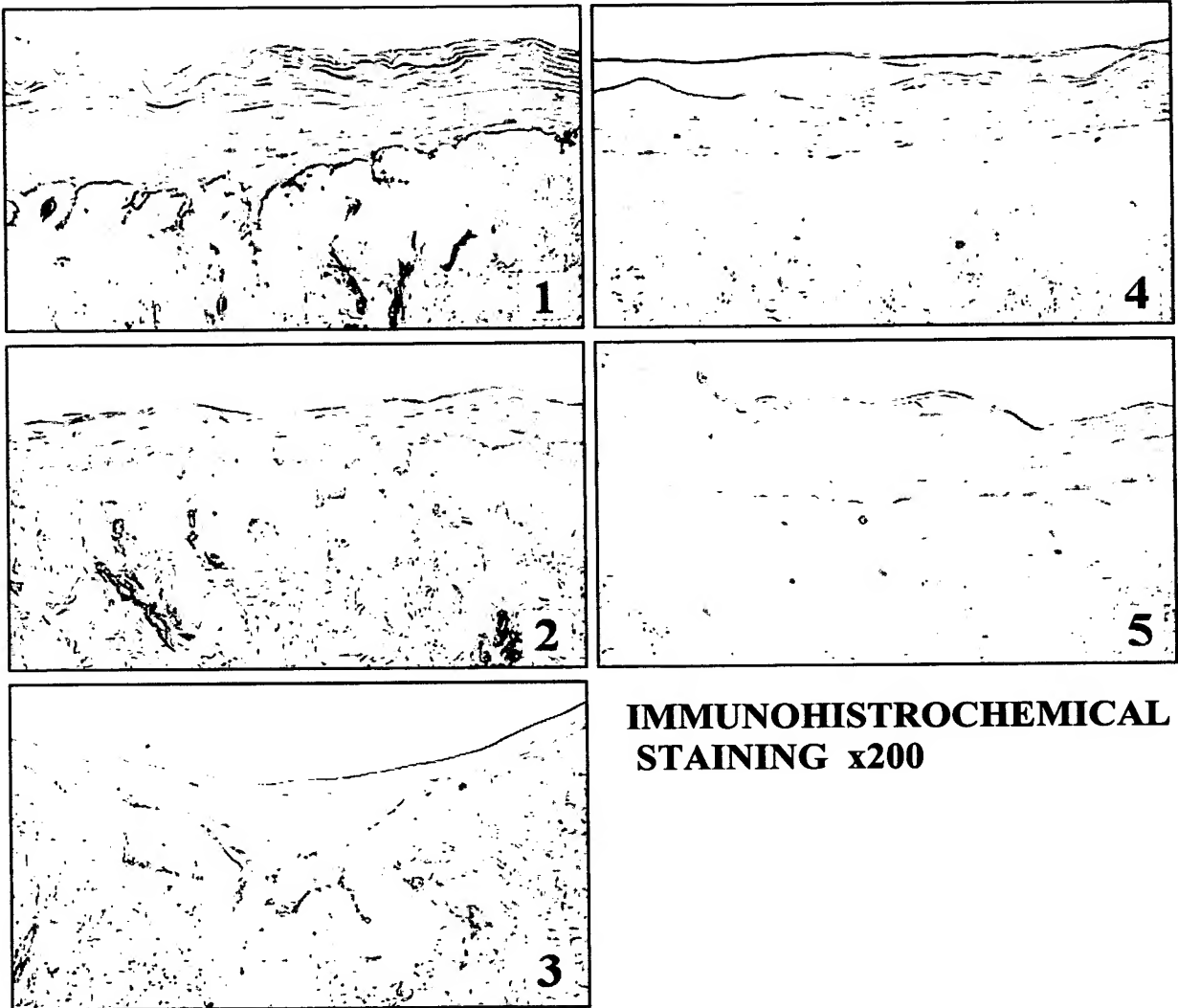


FIG.5



- 1, FREEZE-THAWING + 1 M NaCl + PBS**
- 2, FREEZE-THAWING + 1 M NaCl + Triton X-100**
- 3, FREEZE-THAWING + 1 M NaCl + SDS**
- 4, FREEZE-THAWING + Dispase**
- 5, FREEZE-THAWING + Trypsin + Triton X-100**

FIG.6



**IMMUNOHISTOCHEMICAL
STAINING x200**

- 1, FREEZE-THAWING + 1 M NaCl + PBS**
- 2, FREEZE-THAWING + 1 M NaCl + Triton X-100**
- 3, FREEZE-THAWING + 1 M NaCl + SDS**
- 4, FREEZE-THAWING + Dispase**
- 5, FREEZE-THAWING + Trypsin + Triton X-100**

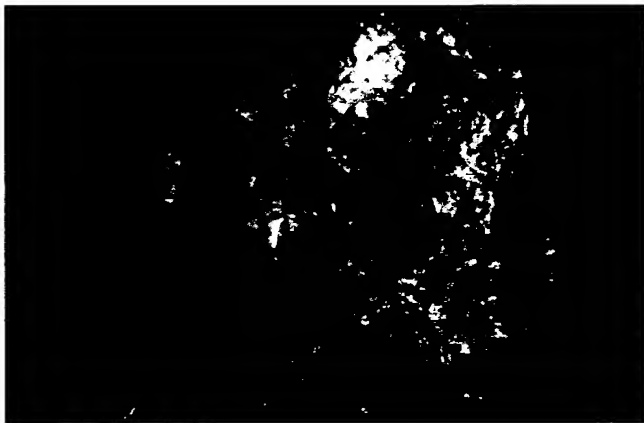
7/10

FIG.7

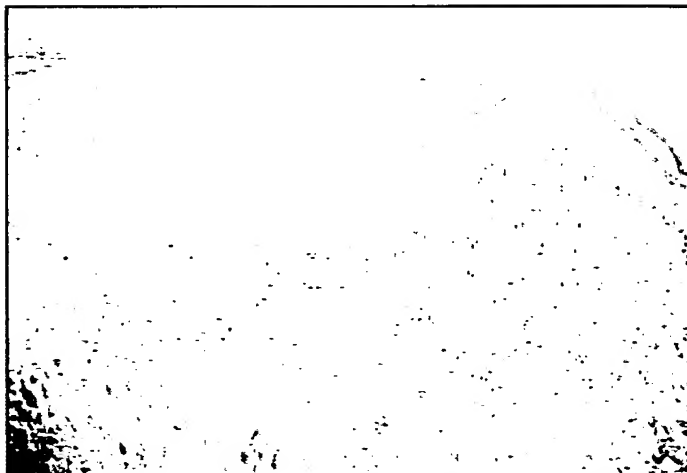
FEMALE AGE 41 EXTENSIVE BURN CASE



IMMEDIATELY AFTER AFFIXING CULTURED SKIN



22 DAYS AFTER SURGERY



**CULTURED
SKIN 16**

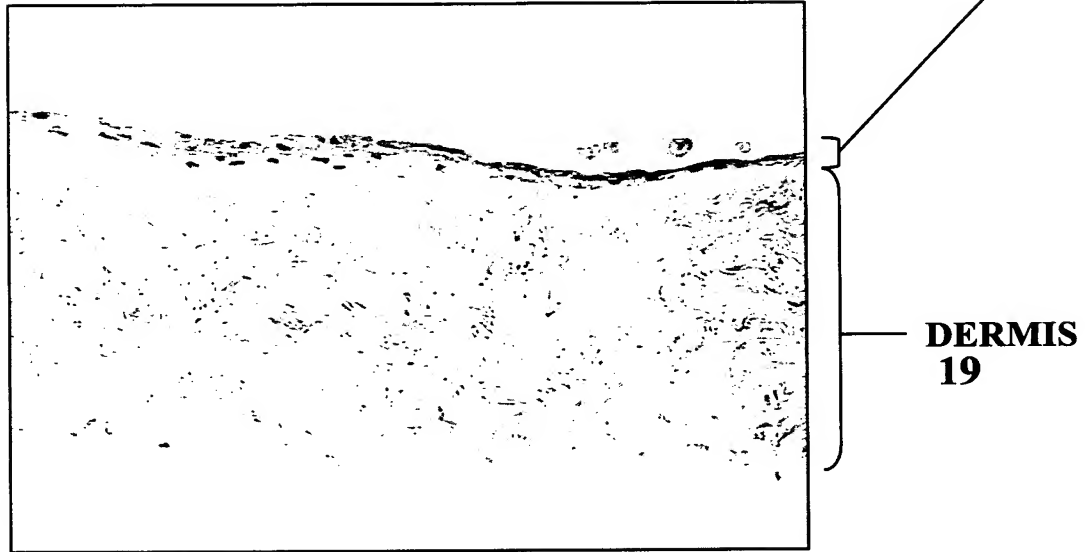
**GRAFT BED
17**

H&E x100

13 DAYS AFTER GRAFTING (HISTOLOGY)

FIG.8

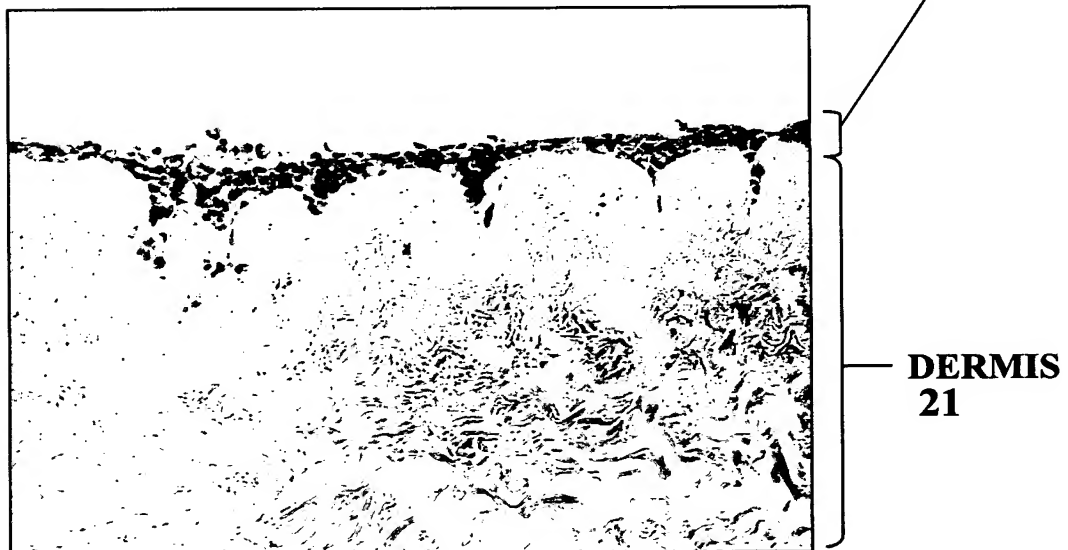
ORAL MUCOUSAL KERATINOCYTE 18



H&E x200

FIG.9

SMALL INTESTINAL EPITHELIAL CELL 20



H&E x200

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FIG.10



PORCINE SKIN



PORCINE ADM

H&E x100

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FIG.11

TYPE IV COLLAGEN



LAMININ



**IMMUNOHISTOCHEMICAL
STAINING x100**

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